Quantitation Report (Qedit)

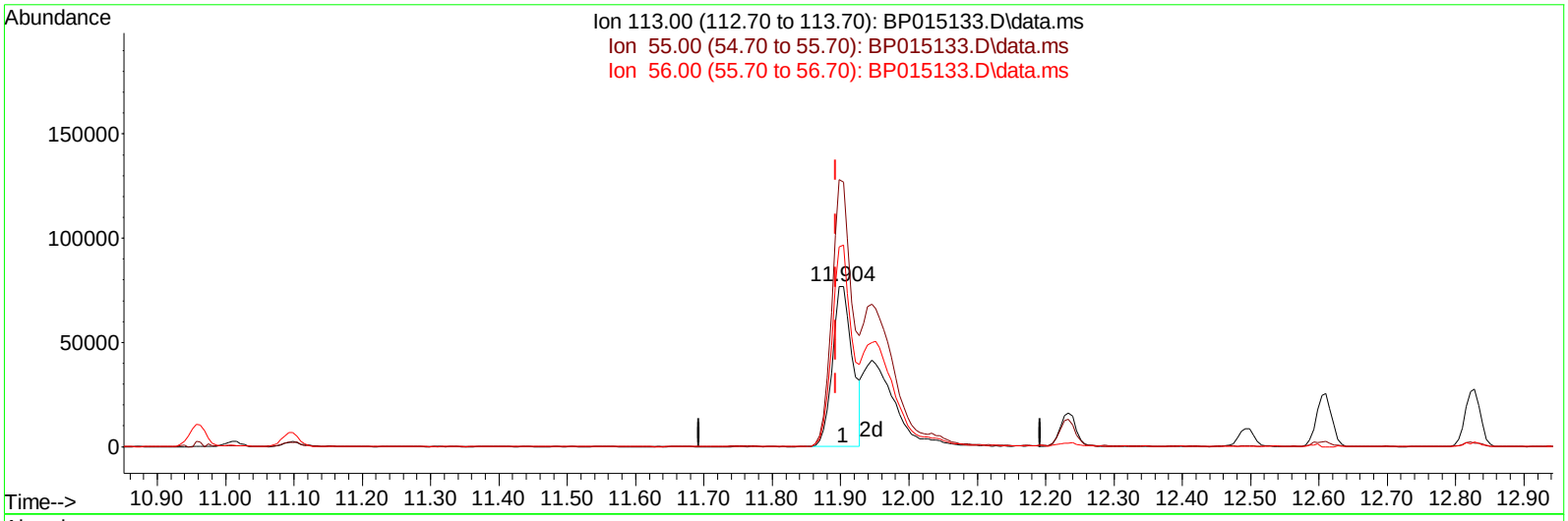
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051723\
Data File : BP015133.D
Acq On : 17 May 2023 19:14
Operator : CG/JU
Sample : PB152822BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

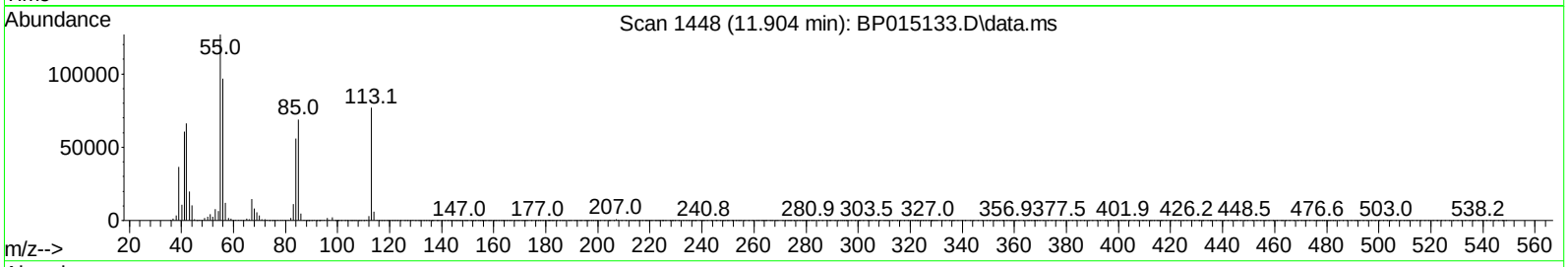
Quant Time: May 18 01:13:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 18 01:09:56 2023
Response via : Initial Calibration

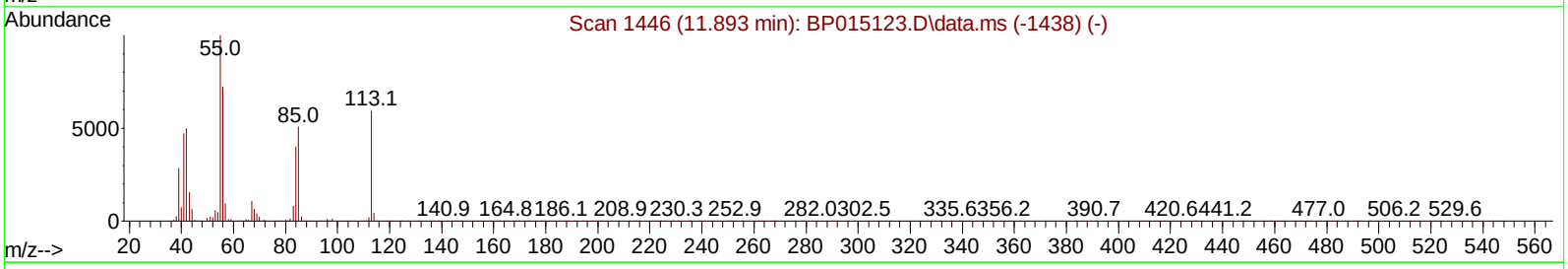
Instrument :
BNA_P
ClientSampleId :
SLCS822

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023







TIC: BP015133.D\data.ms

(34) Caprolactam

11.904min (+ 0.012) 16.20 ng/ul

response 158186

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.50	165.05
56.00	112.80	125.89
0.00	0.00	0.00

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Misc :
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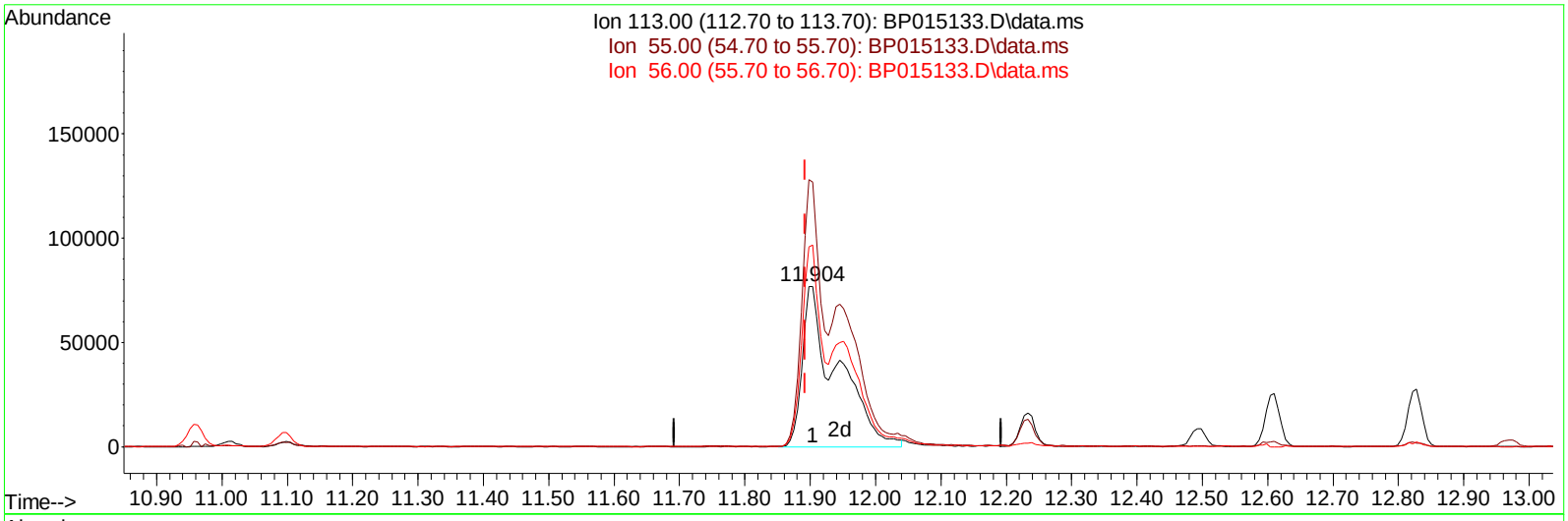

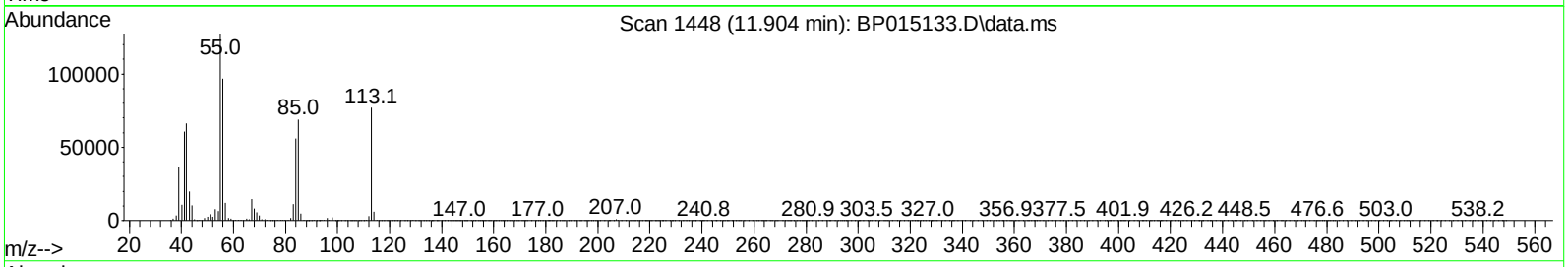

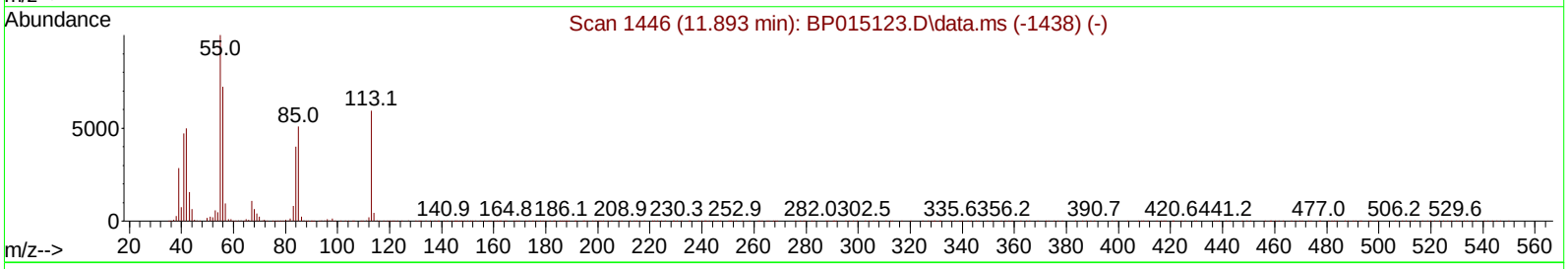

TIC: BP015133.D\data.ms

(34) Caprolactam

11.904min (+ 0.012) 29.38 ng/ul m

response 286970

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.50	165.05
56.00	112.80	125.89
0.00	0.00	0.00

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Operator : CG/JU
Sample : PB152822BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 18 01:23:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 18 01:09:56 2023
Response via : Initial Calibration

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	358703	20.000	ng/ul	0.00
20) Naphthalene-d8	10.957	136	1625623	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.769	164	1016748	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.521	188	2071575	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	1807652	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	1743605	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	51371	5.564	ng/uL	0.00
4) Pyridine-d5	3.869	84	739458	28.257	ng/ul	0.00
7) Phenol-d5	7.275	99	1041105	31.260	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.451	67	636961	33.114	ng/ul	0.00
11) 2-Chlorophenol-d4	7.651	132	795547	32.488	ng/ul	0.00
15) 4-Methylphenol-d8	8.845	113	861683	32.469	ng/ul	0.00
21) Nitrobenzene-d5	9.304	128	410580	32.142	ng/ul	0.00
24) 2-Nitrophenol-d4	10.034	143	423290	29.781	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	811626	31.645	ng/ul	0.00
31) 4-Chloroaniline-d4	11.098	131	1122652	29.584	ng/ul	0.00
46) Dimethylphthalate-d6	14.175	166	2575677	33.524	ng/ul	0.00
49) Acenaphthylene-d8	14.463	160	2931674	33.363	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	534076	35.798	ng/ul	0.00
60) Fluorene-d10	15.763	176	2148107	33.134	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.880	200	464862	35.607	ng/ul	0.00
73) Anthracene-d10	17.621	188	3214166	33.884	ng/ul	0.00
81) Pyrene-d10	19.845	212	3851360	36.735	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	3111276	35.946	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	103720	10.455	ng/uL	98
5) Pyridine	3.893	79	723239	26.573	ng/ul	99
6) Benzaldehyde	7.257	77	509700	55.680	ng/ul	98
8) Phenol	7.304	94	1053177	30.838	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.546	93	834722	30.550	ng/ul	99
12) 2-Chlorophenol	7.687	128	783654	30.256	ng/ul	98
13) 2-Methylphenol	8.575	108	792820	30.037	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.657	45	1097965	32.074	ng/ul	99
16) Acetophenone	8.963	105	1301113	31.413	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.951	70	667119	30.711	ng/ul	97
18) 4-Methylphenol	8.910	108	892209	30.711	ng/ul	100
19) Hexachloroethane	9.222	117	315804	29.861	ng/ul	99
22) Nitrobenzene	9.351	77	981552	31.112	ng/ul	99
23) Isophorone	9.881	82	1903727	29.357	ng/ul	100
25) 2-Nitrophenol	10.069	139	443874	28.478	ng/ul	99
26) 2,4-Dimethylphenol	10.122	107	832317	26.760	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.363	93	1140768	28.912	ng/ul	99
29) 2,4-Dichlorophenol	10.604	162	781300	30.158	ng/ul	99
30) Naphthalene	11.010	128	2628532	29.741	ng/ul	100
32) 4-Chloroaniline	11.122	127	892118	22.873	ng/ul	100
33) Hexachlorobutadiene	11.292	225	451706	28.929	ng/ul	98
34) Caprolactam	11.904	113	286970m	29.380	ng/ul	
35) 4-Chloro-3-methylphenol	12.234	107	900849	30.795	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.610	142	1777943	29.857	ng/ul	100
37) 1-Methylnaphthalene	12.828	142	1750010	29.264	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.969	216	901124	29.634	ng/ul	97
40) Hexachlorocyclopentadiene	12.945	237	497529	25.252	ng/ul	100
41) 2,4,6-Trichlorophenol	13.210	196	615696	28.674	ng/ul	98
42) 2,4,5-Trichlorophenol	13.281	196	689975	29.636	ng/ul	99
43) 1,1'-Biphenyl	13.604	154	2409304	30.541	ng/ul	99
44) 2-Chloronaphthalene	13.651	162	1871854	30.384	ng/ul	99
45) 2-Nitroaniline	13.857	65	585168	33.197	ng/ul	97
47) Dimethylphthalate	14.222	163	2453003	30.657	ng/ul	99
48) 2,6-Dinitrotoluene	14.345	165	505258	31.873	ng/ul	100
50) Acenaphthylene	14.492	152	2979074	30.384	ng/ul	100
51) 3-Nitroaniline	14.675	138	519726	36.410	ng/ul	98
52) Acenaphthene	14.833	153	2060879	30.776	ng/ul	99
53) 2,4-Dinitrophenol	14.880	184	306906	29.159	ng/ul	97
55) 4-Nitrophenol	14.980	109	371979	33.899	ng/ul	99
56) Dibenzofuran	15.169	168	2850991	30.609	ng/ul	99
57) 2,4-Dinitrotoluene	15.133	165	758024	33.046	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.392	232	572116	29.117	ng/ul	99
59) Diethylphthalate	15.580	149	2503554	31.371	ng/ul	99
61) Fluorene	15.816	166	2296930	30.687	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.804	204	1104778	30.208	ng/ul	99
63) 4-Nitroaniline	15.839	138	573648	46.537	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.898	198	451420	33.504	ng/ul	97
67) N-Nitrosodiphenylamine	16.022	169	1999741	32.830	ng/ul	99
68) 4-Bromophenyl-phenylether	16.704	248	690710	32.371	ng/ul	100
69) Hexachlorobenzene	16.822	284	816394	32.377	ng/ul	98
70) Atrazine	16.969	200	421267	18.711	ng/ul	97
71) Pentachlorophenol	17.169	266	485400	30.775	ng/ul	96
72) Phenanthrene	17.569	178	3507307	31.092	ng/ul	99
74) Anthracene	17.657	178	3587492	31.450	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.575	216	919338	31.300	ng/uL	99
76) Pentachlorobenzene	15.086	250	906781	30.747	ng/uL	100
77) Carbazole	17.921	167	3324537	33.237	ng/ul	100
78) Di-n-butylphthalate	18.457	149	4217818	32.744	ng/ul	100
80) Fluoranthene	19.515	202	4387576	34.336	ng/ul	99
82) Pyrene	19.868	202	4540611	34.409	ng/ul	98
83) Butylbenzylphthalate	20.721	149	1900208	32.482	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.510	252	1373691	34.601	ng/ul	98
85) Benzo(a)anthracene	21.586	228	4099492	32.799	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.480	149	2707946	32.153	ng/ul	100
87) Chrysene	21.639	228	3888954	32.548	ng/ul	99
89) Di-n-octyl phthalate	22.457	149	4509727	37.765	ng/ul	100
90) Benzo(b)fluoranthene	23.374	252	3876740	35.072	ng/ul	99
91) Benzo(k)fluoranthene	23.427	252	3681327	34.684	ng/ul	99
93) Benzo(a)pyrene	24.056	252	3202961	32.783	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.886	276	3575761	28.266	ng/ul	99
95) Dibenzo(a,h)anthracene	26.903	278	2961214	28.515	ng/ul	99
96) Benzo(g,h,i)perylene	27.721	276	2834509	27.477	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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